

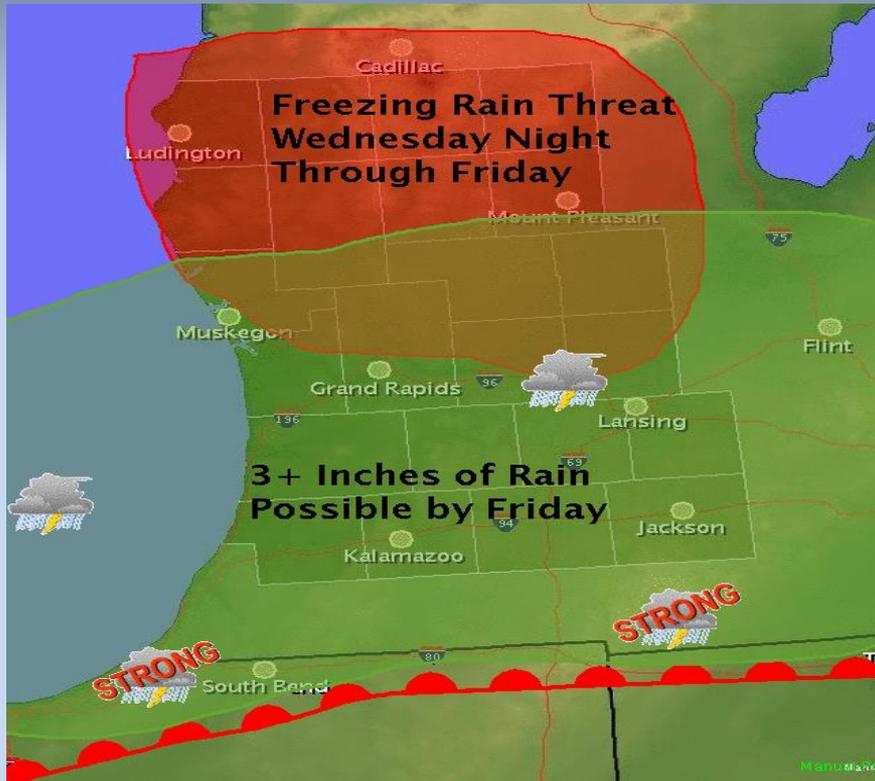


Stormy/Wet Week

Could Turn Icy!



Slide #1



Event Summary

Freezing Rain Threat

Heavy Rain/River Flooding Threat

A Few Thunderstorms with Hail

Created: Tuesday, April 09, 2013 – 100 PM

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643





Winter Hazard Risk Assessment



Slide #2

Concerning Freezing Rain Potential

Extreme

High



Moderate

Low

Weather Like this is
Rare – 1 to 3 Times a Year

Typically Associated With
Large Disruption to Daily Life

**Threat to Life and Property
Is Often Life Threatening**

**Usual Recovery Time
1 to 3 Days After the Weather Ends**

Extreme:

- Historic Weather – Once Every 20+ years
- Extremely Threatening to Life/Property
- Total disruption of daily life
- Recovery Time: days or weeks

High:

- Rare Weather – 1 to 3 Times a Year
- Often Life Threatening
- Widespread disruption of daily life
- Recovery Time: 1 to 3 days or more

Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: Near/Before weather ends



Confidence and Potential Impacts Concerning Freezing Rain Potential



Slide #3

Confidence this
Weather Will Occur

High

Medium

Low



Road Conditions

- Could Turn Ice Covered.

Commutes
Affected

- Greatest Impact: Wednesday Night Through Friday Morning

Power Outage
Potential

High



Medium

Low

Blowing/Drifting
Potential

High

Medium

Low





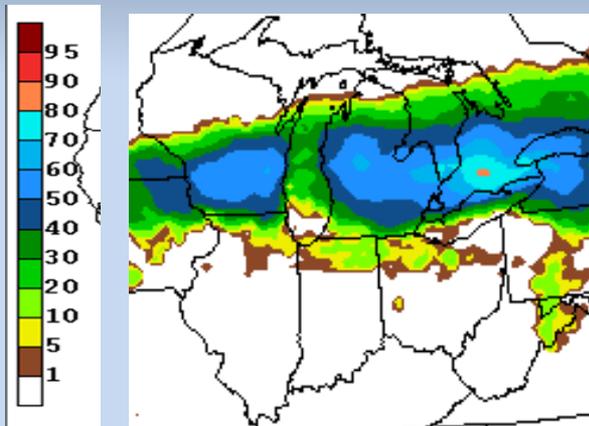
Freezing Rain Probabilities



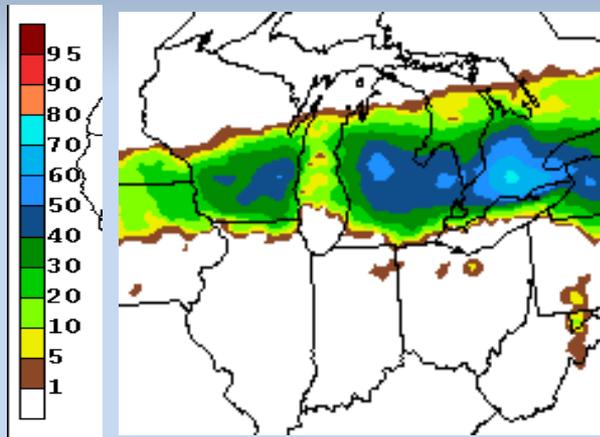
Slide #4

Wednesday Through Friday

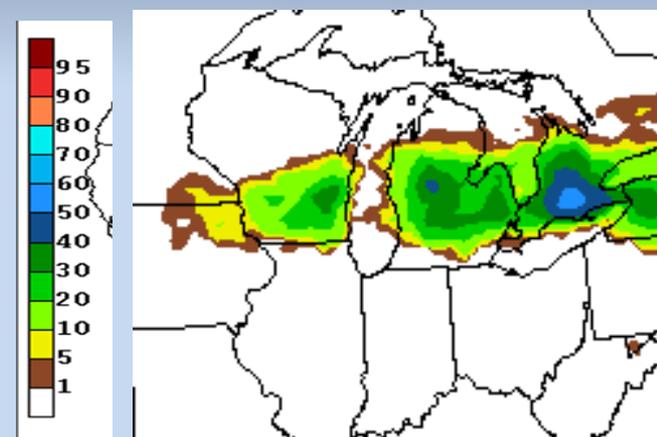
Probability of Greater than
One Tenth Inch of Ice



Probability of Greater than
One Quarter Inch of Ice



Probability of Greater than
One Half Inch or Ice



Beginning

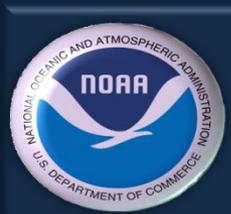
- **From North to South Wednesday Night**

Heaviest

- **Wednesday Night through Friday**

Ending

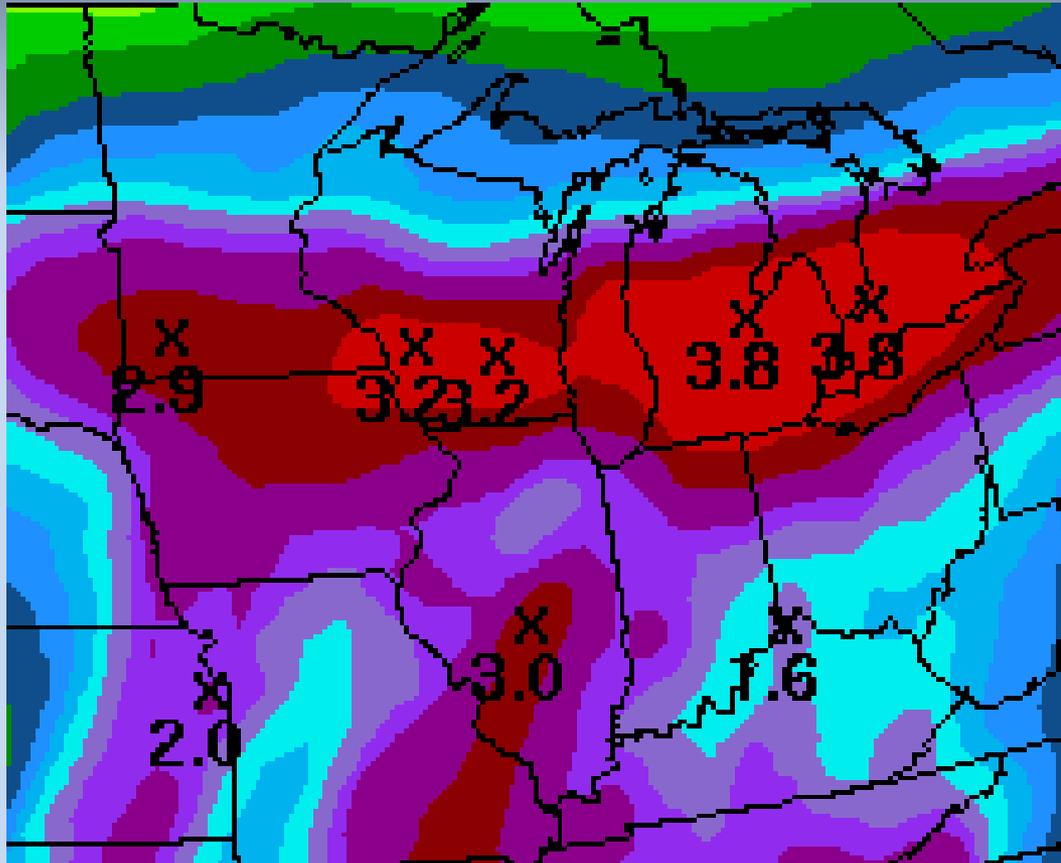
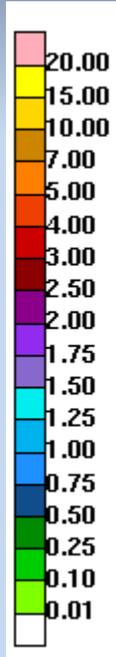
- **Friday**



Potential Total Rainfall Through early Friday



Slide #5



Three or More Inches of Rainfall Possible
Through Early Friday



Flood Threat



Slide #6

Wednesday Through The Weekend

What

- Potential for flooding of small streams and creeks could evolve to flooding in the larger rivers

When

- Potential for Minor Flooding of small streams/creeks begins Wed.
- Larger rivers could see significant rises later this week into early next week.

Where

- All of Southern Lower Michigan
- Kalamazoo, Grand, and the Muskegon River Basins hardest hit

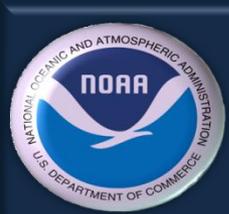
Forecast Confidence

- Flood response highly dependent on forecasted rainfall
- High confidence in minor flooding of small creeks and streams
- High confidence in minor flooding of larger rivers
- Low confidence in moderate or major flooding of large rivers



weather.gov/grandrapids





Slide #7

Event Summary



- **Freezing Rain Possible Wednesday Night Through Early Friday near/north of the I-96 Corridor**
- **Heavy Rainfall in Excess of Three Inches Possible**
- **River Flood Threat Increasing with Time**
- **A Few Storms May Contain Small Hail**



For Additional Information



Slide #8

Links Below are Clickable in PDF File of the Briefing



Winter Weather Briefing Slides

www.weather.gov/grandrapids/webinars

Regional Weather Radar Loop

www.weather.gov/radar

Additional Winter Forecast Information

<http://go.usa.gov/RE6>

Hazard Summary Page

www.crh.noaa.gov/hazards/grr

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